

ABSTRACT

To provide a device and method for closing a sheath removal hole formed for introducing a vessel catheter by laser welding when diagnosis or treatment inside a blood vessel is performed by means of the catheter. The device for closing the sheath removal hole formed in the wall of the blood vessel by laser welding, comprising welding laser generating means, means for transmitting the welding laser, and means for monitoring the position of an end of the welding laser transmitting means, wherein the welding laser is radiated when the end of the welding laser transmitting means is located in the vessel wall.